

FORM PTO-1449

U. S DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 015116-0

10/812,842

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

AHMED KAMAL ET AL.

FILING DATE

GROUP

March 30, 2004

1614

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
AA				
AB				
AC				

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
AD	00/12508	03/2000	WO		
AE					
AF					
AG					
AH					

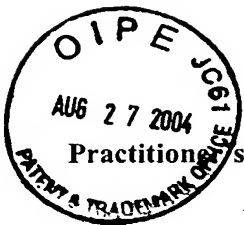
OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

AI	Thurston, David E. et al. "Synthesis of Sequence-Selective C8-Linked Pyrrolo[2,1-c][1,4]benzodiazepine DNA Interstrand Cross-Linking Agents", <i>J. Org. Chem.</i> (1996), 61, pp 8141-8147
AJ	Kamal, Ahmed et al. "Design, Synthesis and Evaluation of New Noncross-Linking Pyrrolobenzodiazepine Dimers with Efficient DNA Binding Ability and Potent Antitumor Activity", <i>J. Med. Chem.</i> (2002), 45, pp 4679-4688
AK	Sun, Qun et al. "Structure Activity of Topoisomerase I Poisons Related to Hoechst 33342", <i>Bioorganic & Medicinal Chemistry Letters</i> (1994), Vol. 4, No. 24, pp 2871-2876
AL	Kelly, David P. et al. "DNA Binding Compounds. VI. Synthesis and Characterization of 2,5'-Disubstituted Bibenzimidazoles Related to the DNA Minor Groove Binder Hoechst 33258", <i>Aust. J. Chem.</i> (1994), 47, pp 1751-1769
AM	Thurston, David E. and D. Subhas Bose. "Synthesis of DNA-Interactive Pyrrolo[2,1-c][1,4]benzodiazepines", <i>Chem. Rev.</i> (1994), 94, pp 433-465
AN	Tawar, Urmila et al. "Influence of Phenyl Ring Disubstitution on Bisbenzimidazole and Terbenzimidazole Cytotoxicity: Synthesis and Biological Evaluation as Radioprotectors", <i>J. Med. Chem.</i> (2003), 46, pp 3785-3792
AO	Turner, Paul R. and William A. Denny. "The mutagenic properties of DNA minor-groove binding ligands", <i>Mutation Research</i> (1996), 355, pp 141-169
AP	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



IFW

Practitioner's Docket No. U 015116-0

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application

of _____
Inventor(s)

for _____
Title of invention

OR

In re application of: **AHMED KAMAL, et al**

Serial No.: 10/812,842

Group No.: 1614

Filed: March 30, 2004

Examiner: N/A

For: **PROCESS FOR PREPARING PYRROLO[2,1,-C][1,4] BENZODIAZEPINE-HYBRIDS**

**Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450**

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b))**

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*(When using Express Mail, the Express Mail label number is mandatory;
Express Mail certification is optional.)*

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37 C.F.R. 1.8(a)

37 C.F.R. 1.10*

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Date: August 24, 2004

Signature

Clifford J. Mass

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* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

NOTE: 37 C.F.R. 1.98(b):

- (1) *Each U.S. patent listed in an information disclosure statement must be identified by inventor, patent number, and issue date.*
- (2) *Each U.S. patent application published listed in an information disclosure statement shall be identified by applicant, patent application publication number, and publication date.*
- (3) *Each U.S. application listed in an information disclosure statement must be identified by the inventor, application number, and filing date.*
- (4) *Each foreign patent or published foreign patent application listed in an information disclosure statement must be identified by the country or patent office which issued the patent or published the application, an appropriate document number, and the publication date indicated on the patent or published application.*
- (5) *Each publication listed in an information disclosure statement must be identified by publisher, author (if any), title, relevant pages of the publication, date, and place of publication.*

WARNING: No extension of time can be had under 37 C.F.R. § 1.36 (a) or (b) for filing an IDS. 37 C.F.R. § 1.97(f).

NOTE: The "filing date of a national application" under 37 C.F.R. 1.97(b) has two possible meanings. Where the filing is a direct one to the United States Patent & Trademark office, the filing is defined in 37 C.F.R. 1.53(b) as "the date on which: (1) A specification containing a description pursuant to § 1.71 and at least one claim pursuant to § 1.75; and (2) any drawing required by § 1.81(a), are filed in the Patent and Trademark Office in the name of the actual inventor or inventors as required by § 1.41." 37 C.F.R. 1.97(b)(1). On the other hand, an international application that enters the national stage occurs when the applicant has filed the documents and fees required by 35 U.S.C. § 371(c) within the periods set forth in § 1.494 or § 1.495. 35 U.S.C. § 371(c) requires the filing of the following: (1) the national fee; (2) a copy of the international application, unless already sent by the International Bureau, and an English translation if filed in another language; (3) amendments under PCT Article 19, with a translation into English if made in another language; (4) an oath or declaration; and (5) a translation into English of any annexes to the international preliminary examination report, if such annexes were made in another language. 37 C.F.R. 1.97(b)(2).

IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. 1.97(b).

NOTE: "No certification or fee is due when the filing is made within the above time period. It is advisable to ensure that no Office action has been mailed if the disclosure statement is delayed until after three months from filing."

NOTE: "An information disclosure statement will be considered to have been filed on the day it was received in the Office, or on an earlier date of a mailing if accompanied by a properly executed certificate of mailing under 37 C.F.R. 1.8, or Express Mail certificate under 37 C.F.R. 1.10. An office action is mailed on the date indicated in the Office action." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

NOTE: "The term 'national application' includes continuing applications (continuations, divisions, continuations-in-part) so three-months will be measured from the actual filing date of an application as opposed [sic] to the effective date of a continuing application." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

NOTE: "An action on the merits means an action which treats the patentability of the claims in an application, as opposed to only formal or procedural requirements. An action on the merits would, for example, contain a rejection or indication of allowability of a claim or claims rather than just a restriction requirements (37 C.F.R. 1.142) or just a requirement for additional fees to have a claim considered (37 C.F.R. 1.16(d)). Thus, if an application was filed on Jan. 1 and the first Office action on the merits was not mailed until six months later on July 1, the examiner would be required to consider any proper information disclosure statement filed prior to July 1." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

WARNING: "A petition for suspension of action to allow applicant time to submit an information disclosure statement will be denied as failing to present good and sufficient reasons, since 37 C.F.R. 1.97 provides adequate recourse for the timely submission of prior art for consideration by the examiner." Notice of July 6, 1992 (1141 O.G. 63).

If a fee is required, please charge deposit account 12-0425.

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SIGNATURE OF PRACTITIONER

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **AHMED KAMAL**, et al.

Serial No.: 10/812,842

Group No.: 1614

Filed: March 30, 2004

Examiner.: N/A

For: **PROCESS FOR PREPARING PYRROLO[2,1-C][1.4]
BENZODIAZEPINE-HYBRIDS**

Attorney Docket No.: 33,778

Commissioner for Patents
P.O. Box 1450
Alexandria, Va. 22313

INFORMATION DISCLOSURE STATEMENT

We draw the attention of the Examiner to the attached English-language version of an International-type Search Report from a foreign office in respect of counterpart International Application No. PCT/IN 03/00462 that indicates the degree of relevance found by the foreign office. The Search Report makes consideration of any non-English art required. MPEP 609.

Form PTO-1499 is also attached with reference copies.

Respectfully submitted,

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NEW YORK, NEW YORK 10023
REG.NO.30,086 (212)708-1890

CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the:
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CLIFFORD J. MASS

(Type or print name of person mailing paper)

Date: August 24, 2004

(Signature of person mailing paper)